

Amendments to the claims:

This listing of claims will replace all prior versions, and listings, of claims in this application.

Listing of New Claims:

1. (Currently Amended) An apparatus for suctioning fluids and solids from ~~use in~~ a wellbore,
5 the apparatus comprising:

-a first tubing member disposed within the wellbore so that a wellbore annulus is formed therein, the first tubing member having a suction tube device at a first end, and wherein said suction tube device extends into an inner portion of said first tubing member and wherein said suction tube device contains an inner portion and an outer portion and wherein said inner portion
10 has an unobstructed circular flow area;

-a second tubing member concentrically disposed within said first tubing member so that a micro annulus is formed therein for injection of a power fluid, and wherein a first end of said second tubing member is concentrically positioned about said outer portion of said suction tube device so that an annular passage for the power fluid is formed relative to an inner portion of said
15 second tubing member and the outer portion of said suction tube, and wherein said inner portion of said suction tube forms a passage for the fluid and solids within ~~is in communication with~~ said wellbore annulus.

2. (Original) The apparatus of claim 1 further comprising stabilizer means, disposed about
20 said second tubing member, for stabilizing said second tubing member within said first tubing member.

3. (Original) The apparatus of claim 2 further comprising jet means, disposed within said first tubing member, for delivering an injected medium from said micro annulus into the wellbore annulus.

25 4. (Original) The apparatus of claim 3 further comprising:

-means, disposed at the surface, for injecting the injection medium into said micro annulus.

5 5. (Original) The apparatus of claim 4 further comprising an inner tubing restriction sleeve disposed within said second tubing member and wherein said suction tube device extends into said inner tubing restriction sleeve.

6. (Original) The apparatus of claim 5 wherein said injection medium is selected from the group consisting of gas, air, or fluid.

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7. (Original) The apparatus of claim 5 wherein said wellbore intersects and extends past a coal bed methane gas seam so that a sump portion of the wellbore is formed.

15 8. (Original) The apparatus of claim 7 wherein the apparatus is placed at a position below the coal bed methane gas seam.

9. (Currently Amended) An apparatus for lifting fluids and solids within ~~use in~~ a wellbore, wherein said wellbore intersects a natural gas deposit having natural gas and wherein said wellbore intersects and extends past the natural gas deposit so that a sump portion of the well bore is
20 formed, the apparatus comprising:

-a first tubular disposed within the wellbore so that a wellbore annulus is formed therein, and wherein said first tubular has a distal end and a proximal end and wherein said wellbore annulus has a fluid level therein;

-25 -an annular nozzle operatively attached to the distal end of said first tubular, and wherein said annular nozzle comprises: an annular adapter; and, a suction tube that extends from said annular adapter into an inner portion of said first tubular, wherein said suction tube has an inner

portion and an outer portion;

-a second tubular concentrically disposed within said first tubular so that a micro annulus is formed therein for injection of a power fluid, and wherein a first end of said second tubular is concentrically positioned about said outer portion of said suction tube so that an annular passage for the power fluid is formed within an inner portion of said second tubular;

- ~~and~~ wherein said inner portion of said suction tube has an open end in communication with said sump portion, wellbore annulus said open end having an unobstructual circular cross-sectional area to lift the fluids and solids located in said well bore annulus;

-and wherein said wellbore annulus is in communication with a gas production line for producing gas from the natural gas deposit once the fluid level within said wellbore annulus is drawn down.

10. (Original) The apparatus of claim 9 further comprising jet means, disposed within said first tubular, for delivering an injected medium from the micro annulus into the wellbore annulus.

11. (Previously Presented) The apparatus of claim 10 further comprising:

-stabilizer means, disposed about said second tubular, for stabilizing said second tubular within said first tubular;

-inner restriction sleeve disposed within the inner portion of the second tubular, and wherein said inner restriction sleeve receives said suction tube.

12. (Original) The apparatus of claim 11 further comprising:

-means, located at the surface, for injecting the injection medium into said micro annulus.

13. (Original) The apparatus of claim 11 wherein said suction tube is threadedly attached to said annular adapter.

14. (Original) The apparatus of claim 11 wherein said injection medium is selected from the group consisting of gas, air, or fluid.

5 15. (Original) The apparatus of claim 11 wherein said wellbore intersects and extends past a coal bed methane gas seam so that a sump portion of the wellbore is formed.

16. (Original) The apparatus of claim 15 wherein the apparatus is placed below the coal bed methane gas seam in said sump area.

10 17. (Currently Amended) A method of drawing down a fluid column and solids in a wellbore, and wherein said wellbore intersects a natural gas deposit having natural gas, the method comprising:

15 -providing a first tubular within the wellbore so that a wellbore annulus is formed therein, the first tubing member having an annular nozzle at a first end, and wherein said annular nozzle contains an annular adapter that is connected to a cylindrical suction tube, and wherein said cylindrical suction tube having an inner portion and an outer portion and wherein said inner portion has an unobstructed circular cross-sectional area, and wherein said suction tube extends into an inner portion of said first tubular;

20 -lowering a second tubular concentrically within said first tubular so that a micro annulus is formed, and wherein a first end of said second tubular is concentrically positioned about said outer portion of said suction tube so that an annular passage is formed;

-injecting a medium into the micro annulus;

-channeling the medium through said annular passage nozzle;

25 -increasing the velocity of the medium within said annular passage;

-causing an area of low pressure within the unobstructed circular cross-sectional area

of the inner portion of said suction tube;

-drawing down the fluid contained within the wellbore annulus into the unobstructed circular cross-sectional area of the inner portion of said suction tube;

-suctioning the solids contained within the well bore annulus into the unobstructed circular cross-sectional area of the inner portion of said suction tube;

-exiting the fluid and solids from the inner portion of said suction tube into an inner portion of the second tubular;

-mixing the fluid and solids with the medium in the inner portion of the second tubular;

-discharging the fluid and solids and medium at the surface;

-drawing down the level of the fluid within the wellbore annulus;

-flowing the natural gas from the natural gas deposit into the wellbore annulus once the fluid level reaches a predetermined level;

-producing the natural gas in the wellbore annulus to a surface collection facility.

18. (Original) The method of claim 17 further comprising:

-injecting the medium into the wellbore annulus;

-mixing the medium with the fluid within the wellbore annulus;

-forcing the medium and fluid into the suction tube.

19. (Canceled)

20. (Currently Amended) The method of claim 17 further comprising:

-jetting the medium from the micro annulus into the wellbore annulus;

-mixing the medium with the fluid and solids within the wellbore annulus;

-forcing the medium and fluid into the suction tube;

~~-drawing down the level of the fluid within the wellbore annulus;~~

~~terminating the injection of the medium into the micro annulus once the fluid level reaches a predetermined level;~~

~~flowing the natural gas from the natural gas deposit into the wellbore annulus;~~

~~producing the natural gas in the wellbore annulus to a surface collection facility.~~

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21. (Original) The method of claim 20 wherein the wellbore contains a sump area below the level of the natural gas deposit and wherein said suction member is positioned within the sump area.

22. (Original) The method of claim 21 wherein the natural gas deposit is a coal bed methane
10 seam.

23. (Currently Amended) A device for ~~use in~~ suctioning fluids and solids from a wellbore, the device comprising:

-a first tubing member disposed within the wellbore so that a wellbore annulus is
15 formed therein, the first tubing member having an annular nozzle at a first end, and wherein said annular nozzle extends into an inner portion of said first tubing member, and wherein said annular nozzle includes a cylindrical suction tube that has an inner portion that is in communication with said wellbore annulus, and wherein said inner portion has an unrestricted cross-sectional area;

-a second tubing member concentrically disposed within said first tubing member so
20 that a micro annulus is formed for injection of a power fluid therein, and wherein a first end of said second tubing member is concentrically positioned about said suction tube so that an annular flow area for the injected power fluid is formed between an outer portion of said suction tube and an inner portion of said second tubing member, and wherein said annular flow area is in communication with said micro annulus;

-jet means, disposed within said first tubing member, for delivering an injected
25 medium from said micro annulus into the wellbore annulus.

24. (Canceled)

25. (Original) The device of claim 24 further comprising an inner tubing restriction sleeve
5 disposed within said second tubing member and wherein said annular nozzle extends into said inner
tubing restriction sleeve.